

Title (en)

METHOD AND APPARATUS FOR REDUCING POWER CONSUMPTION FOR MEMORIES

Title (de)

VERFAHREN UND VORRICHTUNG ZUR REDUZIERUNG DES STROMVERBRAUCHS IN SPEICHERN

Title (fr)

PROCÉDÉ ET APPAREIL DE RÉDUCTION DE CONSOMMATION ÉLECTRIQUE POUR MÉMOIRES

Publication

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Application

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Abstract (en)

[origin: US2011320847A1] Described herein are a method and an apparatus for reducing power consumption of memories by monitoring the power states of the memories via an operating system. The method comprises reading counter values corresponding to power states of each memory of a plurality memories; computing a power state usage corresponding to the power states of each memory of the plurality, the computing based on the counter values; determining whether the power state usage exceeds a predetermined threshold usage; and adjusting current and future usage of each memory of the plurality in response to determining that the power state usage exceeds the predetermined threshold usage.

IPC 8 full level

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